

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/517,726  
Source: PCF  
Date Processed by STIC: 2/10/06

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 02/10/2006

PATENT APPLICATION: US/10/517,726

TIME: 09:21:48

Input Set : F:\ARS-106 SeqList-repl.txt

Output Set: N:\CRF4\02102006\J517726.raw

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5 <110> APPLICANT: PROUDFOOT, AMANDA
6   KOSCO-VILBOIS, MARIE
8 <120> TITLE OF INVENTION: NOVEL ANTAGONISTS OF CXCR3-BINDING CXC CHEMOKINES
10 <130> FILE REFERENCE: ARS-106
12 <140> CURRENT APPLICATION NUMBER: US 10/517,726
13 <141> CURRENT FILING DATE: 2004-12-10
15 <150> PRIOR APPLICATION NUMBER: EP 02100697.8
16 <151> PRIOR FILING DATE: 2002-06-12
18 <160> NUMBER OF SEQ ID NOS: 8
20 <170> SOFTWARE: PatentIn version 3.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 73
24 <212> TYPE: PRT
25 <213> ORGANISM: Homo sapiens
27 <400> SEQUENCE: 1
29 Phe Pro Met Phe Lys Arg Gly Arg Cys Leu Cys Ile Gly Pro Gly Val
30 1           5           10           15
32 Lys Ala Val Lys Val Ala Asp Ile Glu Lys Ala Ser Ile Met Tyr Pro
33           20           25           30
35 Ser Asn Asn Cys Asp Lys Ile Glu Val Ile Ile Thr Leu Lys Glu Asn
36           35           40           45
38 Lys Gly Gln Arg Cys Leu Asn Pro Lys Ser Lys Gln Ala Arg Leu Ile
39           50           55           60
41 Ile Lys Lys Val Glu Arg Lys Asn Phe
42 65           70
45 <210> SEQ ID NO: 2
46 <211> LENGTH: 73
47 <212> TYPE: PRT
48 <213> ORGANISM: Artificial sequence
50 <220> FEATURE:
51 <223> OTHER INFORMATION: Antagonists of human CXCL11 having alanine substitutions
53 <400> SEQUENCE: 2
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56 1           5           10           15
58 Lys Ala Val Lys Val Ala Asp Ile Glu Lys Ala Ser Ile Met Tyr Pro
59           20           25           30
61 Ser Asn Asn Cys Asp Lys Ile Glu Val Ile Ile Thr Leu Lys Glu Asn
62           35           40           45
64 Lys Gly Gln Arg Cys Leu Asn Pro Lys Ser Lys Gln Ala Arg Leu Ile
65           50           55           60
67 Ile Lys Lys Val Glu Arg Lys Asn Phe
68 65           70
71 <210> SEQ ID NO: 3

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72 <211> LENGTH: 73
73 <212> TYPE: PRT
74 <213> ORGANISM: Artificial sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Antagonists of human CXCL11 having alanine substitutions
79 <400> SEQUENCE: 3
81 Phe Pro Met Phe Lys Arg Gly Arg Cys Leu Cys Ile Gly Pro Gly Val
82 1 5 10 15
84 Lys Ala Val Lys Val Ala Asp Ile Glu Lys Ala Ser Ile Met Tyr Pro
85 20 25 30
87 Ser Asn Asn Cys Asp Lys Ile Glu Val Ile Ile Thr Leu Ala Glu Asn
88 35 40 45
90 Ala Gly Gln Ala Cys Leu Asn Pro Lys Ser Lys Gln Ala Arg Leu Ile
91 50 55 60
93 Ile Lys Lys Val Glu Arg Lys Asn Phe
94 65 70
97 <210> SEQ ID NO: 4
98 <211> LENGTH: 73
99 <212> TYPE: PRT
100 <213> ORGANISM: Artificial sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Antagonists of human CXCL11 having alanine substitutions
105 <400> SEQUENCE: 4
107 Phe Pro Met Phe Lys Arg Gly Arg Cys Leu Cys Ile Gly Pro Gly Val
108 1 5 10 15
110 Lys Ala Val Lys Val Ala Asp Ile Glu Lys Ala Ser Ile Met Tyr Pro
111 20 25 30
113 Ser Asn Asn Cys Asp Lys Ile Glu Val Ile Ile Thr Leu Lys Glu Asn
114 35 40 45
116 Lys Gly Gln Arg Cys Leu Asn Pro Ala Ser Ala Gln Ala Ala Leu Ile
117 50 55 60
119 Ile Lys Lys Val Glu Arg Lys Asn Phe
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125 <212> TYPE: PRT
126 <213> ORGANISM: Artificial sequence
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129 <223> OTHER INFORMATION: Antagonists of human CXCL11 having alanine substitutions
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134 1 5 10 15
136 Lys Ala Val Lys Val Ala Asp Ile Glu Lys Ala Ser Ile Met Tyr Pro
137 20 25 30
139 Ser Asn Asn Cys Asp Lys Ile Glu Val Ile Ile Thr Leu Lys Glu Asn
140 35 40 45
142 Lys Gly Gln Arg Cys Leu Asn Pro Lys Ser Lys Gln Ala Arg Leu Ile
143 50 55 60
145 Ile Ala Ala Val Glu Ala Ala Asn Phe

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152 <213> ORGANISM: Homo sapiens
154 <400> SEQUENCE: 6
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157 1                               5                               10                               15
159 Gln Pro Val Asn Pro Arg Ser Leu Glu Lys Leu Glu Ile Ile Pro Ala
160                               20                               25                               30
162 Ser Gln Phe Cys Pro Arg Val Glu Ile Ile Ala Thr Met Lys Lys Lys
163                               35                               40                               45
165 Gly Glu Lys Arg Cys Leu Asn Pro Glu Ser Lys Ala Ile Lys Asn Leu
166                               50                               55                               60
168 Leu Lys Ala Val Ser Lys Glu Met Ser Lys Arg Ser Pro
169 65                               70                               75
171 <210> SEQ ID NO: 7
172 <211> LENGTH: 103
173 <212> TYPE: PRT
174 <213> ORGANISM: Homo sapiens
176 <400> SEQUENCE: 7
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179 1                               5                               10                               15
181 Gly Thr Ile His Leu Gln Ser Leu Lys Asp Leu Lys Gln Phe Ala Pro
182                               20                               25                               30
184 Ser Pro Ser Cys Glu Lys Ile Glu Ile Ile Ala Thr Leu Lys Asn Gly
185                               35                               40                               45
187 Val Gln Thr Cys Leu Asn Pro Asp Ser Ala Asp Val Lys Glu Leu Ile
188                               50                               55                               60
190 Lys Lys Trp Glu Lys Gln Val Ser Gln Lys Lys Lys Gln Lys Asn Gly
191 65                               70                               75                               80
193 Lys Lys His Gln Lys Lys Lys Val Leu Lys Val Arg Lys Ser Gln Arg
194                               85                               90                               95
196 Ser Arg Gln Lys Lys Thr Thr
197                               100
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201 <211> LENGTH: 79
202 <212> TYPE: PRT
203 <213> ORGANISM: Mus Musculus
205 <400> SEQUENCE: 8
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208 1                               5                               10                               15
210 Lys Ala Val Lys Met Ala Glu Ile Glu Lys Ala Ser Val Ile Tyr Pro
211                               20                               25                               30
213 Ser Asn Gly Cys Asp Lys Val Glu Val Ile Val Thr Met Lys Ala His
214                               35                               40                               45
216 Lys Arg Gln Arg Cys Leu Asp Pro Arg Ser Lys Gln Ala Arg Leu Ile
217                               50                               55                               60
219 Met Gln Ala Ile Glu Lys Lys Asn Phe Leu Arg Arg Gln Asn Met

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220 65

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**VERIFICATION SUMMARY**

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